



## TechMESH

### Knitted Wire

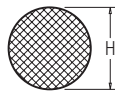
Black = inches Red = mm

Leader Tech's **TechMesh Knitted Wire** gaskets are designed to provide EMI/RFI Shielding of joints and seams of electronic enclosures. The unique construction of the **TechMesh** Knitted Wire consists of many interlocking loops that act as small springs which provide for a resilient all-metal conductive gasket with high attenuation characteristics. **TechMesh** provides shielding effectiveness up to 130 dB in the E-Field and up to 80 dB in the H-Field. The standard wire materials are Tin Plated Copper Clad Steel, Monel and Aluminum in cross-sections of rectangular, round, round-with-fin, and double-round-with-fin. All cross-sections are available in both ALL Mesh or Elastomer Core configurations. The **TechMesh** Knitted Wire gaskets are supplied on spools of 25 ft. or cut to our customers specification.

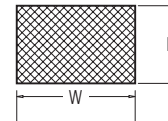


Additional wire options are available upon request

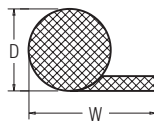
Round	All Mesh
Part Number	Diameter (D)
7000-0005-XX	0.062 (1.57)
7000-0010-XX	0.093 (2.36)
7000-0015-XX	0.125 (3.18)
7000-0020-XX	0.156 (3.96)
7000-0025-XX	0.188 (4.78)
7000-0030-XX	0.250 (6.35)
7000-0035-XX	0.312 (7.92)
7000-0040-XX	0.375 (9.53)
7000-0055-XX	0.500 (12.70)



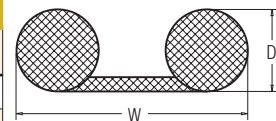
Rectangular	All Mesh	
Part Number	Height (H)	Width (W)
7200-0005-XX	0.062 (1.57)	0.062 (1.57)
7200-0010-XX	0.062 (1.57)	0.125 (3.18)
7200-0015-XX	0.062 (1.57)	0.250 (6.35)
7200-0020-XX	0.093 (2.36)	0.093 (2.36)
7200-0025-XX	0.093 (2.36)	0.125 (3.18)
7200-0030-XX	0.093 (2.36)	0.250 (6.35)
7200-0035-XX	0.125 (3.18)	0.125 (3.18)
7200-0040-XX	0.125 (3.18)	0.250 (6.35)
7200-0045-XX	0.125 (3.18)	0.500 (12.70)
7200-0050-XX	0.188 (4.78)	0.188 (4.78)
7200-0055-XX	0.188 (4.78)	0.500 (12.70)
7200-0060-XX	0.250 (6.35)	0.250 (6.35)
7200-0065-XX	0.250 (6.35)	0.500 (12.70)



Round	All Mesh with Fin	
Part Number	Diameter (D)	Width (W)
7100-0005-XX	0.062 (1.57)	0.375 (9.53)
7100-0010-XX	0.062 (1.57)	0.500 (12.70)
7100-0015-XX	0.093 (2.36)	0.375 (9.53)
7100-0020-XX	0.093 (2.36)	0.500 (12.70)
7100-0025-XX	0.125 (3.18)	0.375 (9.53)
7100-0030-XX	0.125 (3.18)	0.500 (12.70)
7100-0035-XX	0.188 (4.78)	0.500 (12.70)
7100-0040-XX	0.188 (4.78)	0.750 (19.05)
7100-0045-XX	0.250 (6.35)	0.500 (12.70)
7100-0050-XX	0.250 (6.35)	0.750 (19.05)
7100-0055-XX	0.312 (7.92)	0.875 (22.23)
7100-0060-XX	0.375 (9.53)	0.750 (19.05)
7100-0065-XX	0.500 (12.70)	0.750 (19.05)



Double Round	All Mesh with Fin	
Part Number	Diameter (D)	Width (W)
7300-0005-XX	0.062 (1.57)	0.375 (9.53)
7300-0010-XX	0.062 (1.57)	0.500 (12.70)
7300-0015-XX	0.062 (1.57)	0.750 (19.05)
7300-0020-XX	0.093 (2.36)	0.500 (12.70)
7300-0025-XX	0.125 (3.18)	0.500 (12.70)
7300-0030-XX	0.125 (3.18)	0.750 (19.05)
7300-0035-XX	0.125 (3.18)	1.000 (25.40)
7300-0040-XX	0.188 (4.78)	0.625 (15.88)
7300-0045-XX	0.188 (4.78)	0.750 (19.05)
7300-0050-XX	0.188 (4.78)	1.000 (25.40)
7300-0055-XX	0.250 (6.35)	0.750 (19.05)
7300-0060-XX	0.250 (6.35)	1.000 (25.40)
7300-0065-XX	0.375 (9.53)	1.000 (25.40)



Material Code	Wire Specification
-71	Tin Plated Copper Clad Steel - 0.0045 Dia. (0.10) ASTM-B-520
-72	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281
-73	Aluminum Wire - 0.005 Dia. (0.13) Alloy 5056, Per AMS-4182

Part Number Example	
7XXX - 9XXX - XX	
↓	Profile Style
9 if tape required	
Assigned by Leader Tech	Material Code